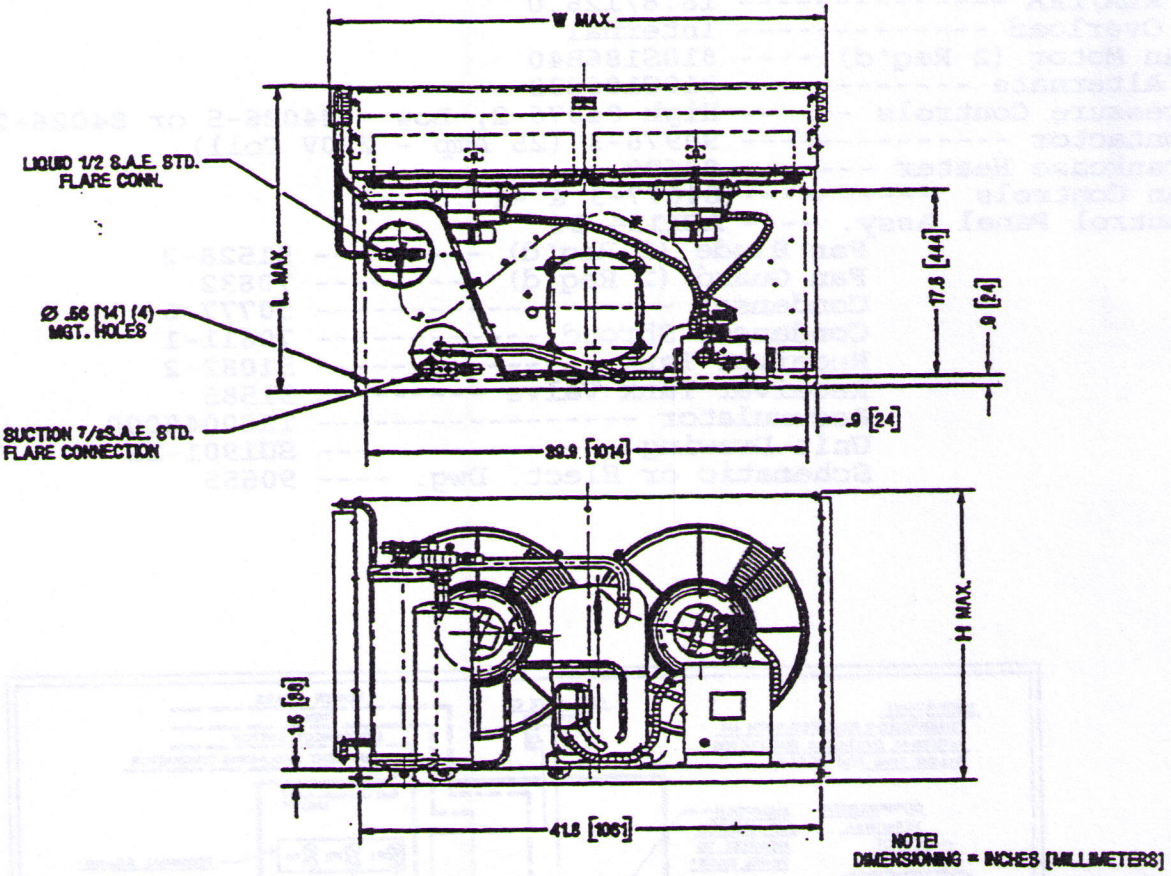
Date:8-29-95

TECUMSEH HERMETIC CONDENSING UNITS

MODEL AGA4563EXTXM (Formerly AG4563EM) R-22 5 HP AIR COOLED



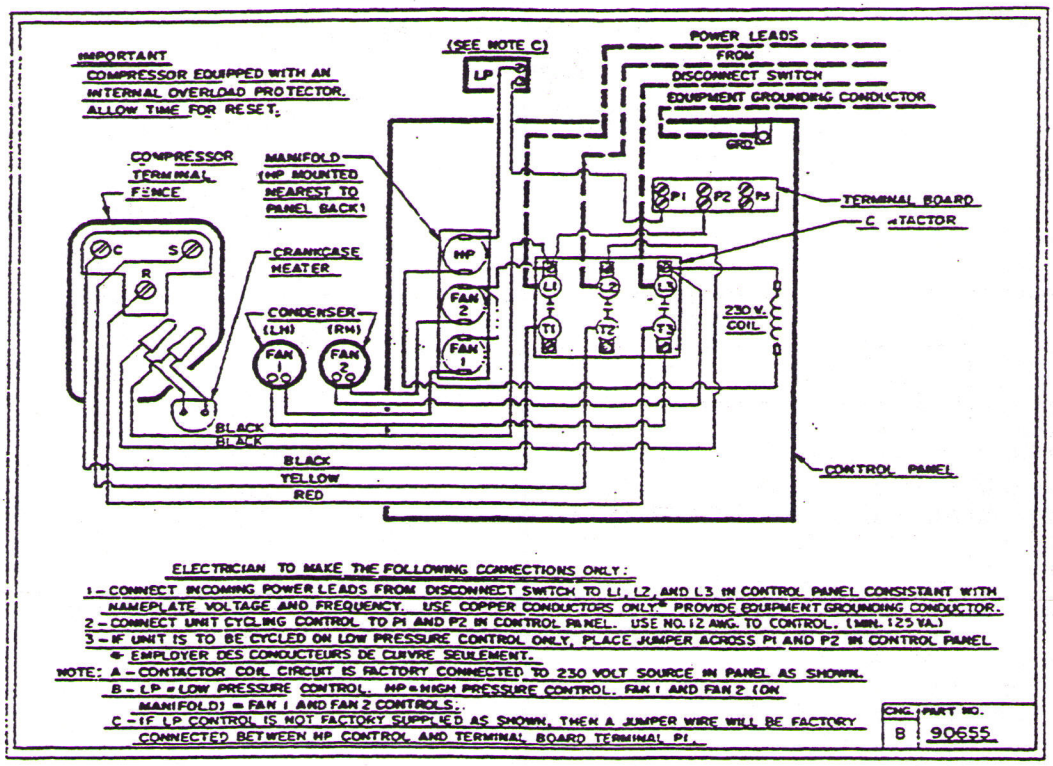
Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AGA4563EXTXM	28.8	44.9	26.9	18.9	7/8 C	1/2 F	34.7#	5000	65	350

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections C = Compression Fitting
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ PERFORMANCE**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	43.0	42000	5000	220	37600	5120	250	33100	5220	280
+30	54.8	50000	5800	232	45500	5910	260	41000	6080	290
+40	68.5	58000	6500	245	54100	6700	275	49700	6920	304
+45	76.0	62450	6900	255	58500	7210	284	53800	7370	313
+50	84.0	65300	7300	265	61450	7600	295	57200	7820	325

Date: 8-29-9

SPECIFICATIONS	AGA4563EXTXM
Nominal Voltage	230/200-60-3
Unit B/M	2A5059-1
Voltage Range	253 to 180
Min. Circuit Ampacity	27.5
Max. Fuse Size (Amps)	45
Compressor Model	AGA5561EXT
Bill of Material	AG133RT-003-P2
RLA/LRA	18.8/126.0
Overload	Internal
Fan Motor (2 Req'd)	810S186B40
Alternate	810G186B32
Pressure Controls	High 84076-2, Low - 84026-5 or 84026-2
Contactor	90976-3 (25 Amp - 230V Coil)
Crankcase Heater	90699
Fan Controls	84077-3 & -4
Control Panel Assy.	AC1114-24
Fan Blade (2 Req'd)	51528-2
Fan Guard (2 Req'd)	70832
Condenser	50777-6
Condenser Shroud	70611-1
Receiver Tank	51082-2
Receiver Tank Valve	31585
Accumulator	TK00040000
Unit Drawing	SU1901-22
Schematic or Elect. Dwg.	90655


IMPORTANT
COMPRESSOR EQUIPPED WITH AN INTERNAL OVERLOAD PROTECTOR. ALLOW TIME FOR RESET.
(SEE NOTE C)
LP
POWER LEADS FROM DISCONNECT SWITCH
EQUIPMENT GROUNDING CONDUCTOR
GRD
COMPRESSOR TERMINAL FENCE
MANIFOLD (HP MOUNTED NEAREST TO PANEL BACK)
C
S
R
CRANKCASE HEATER
HP
FAN 2
FAN 1
CONDENSER
(LH)
(RH)
FAN 1
FAN 2
P1
P2
P3
TERMINAL BOARD
CONTACTOR
L1
L2
L3
T1
T2
T3
230 V. COIL
BLACK
BLACK
BLACK
YELLOW
RED
CONTROL PANEL
ELECTRICIAN TO MAKE THE FOLLOWING CONNECTIONS ONLY:
1 - CONNECT INCOMING POWER LEADS FROM DISCONNECT SWITCH TO L1, L2, AND L3 IN CONTROL PANEL CONSISTANT WITH NAMEPLATE VOLTAGE AND FREQUENCY. USE COPPER CONDUCTORS ONLY* PROVIDE EQUIPMENT GROUNDING CONDUCTOR.
2 - CONNECT UNIT CYCLING CONTROL TO P1 AND P2 IN CONTROL PANEL. USE NO. 12 AWG. TO CONTROL. (MIN. 125 VA.)
3 - IF UNIT IS TO BE CYCLED ON LOW PRESSURE CONTROL ONLY, PLACE JUMPER ACROSS P1 AND P2 IN CONTROL PANEL
* EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.
NOTE: A - CONTACTOR COIL CIRCUIT IS FACTORY CONNECTED TO 230 VOLT SOURCE IN PANEL AS SHOWN.
B - LP = LOW PRESSURE CONTROL. HP = HIGH PRESSURE CONTROL. FAN 1 AND FAN 2 (ON MANIFOLD) = FAN 1 AND FAN 2 CONTROLS.
C - IF LP CONTROL IS NOT FACTORY SUPPLIED AS SHOWN, THEN A JUMPER WIRE WILL BE FACTORY CONNECTED BETWEEN HP CONTROL AND TERMINAL BOARD TERMINAL P1.
CHG. B
PART NO. 90655